

Title (en)  
ENERGY DELIVERY DEVICE

Title (de)  
ENERGIEVERSORGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE FOURNITURE D'ÉNERGIE

Publication  
**EP 2760532 A2 20140806 (EN)**

Application  
**EP 12781509 A 20120928**

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Abstract (en)  
[origin: WO2013049601A2] The present disclosure is directed to an expandable energy delivery assembly adapted to deliver electrical energy to tissue. The assembly includes an elongate device and an expandable portion. The expandable portion includes an inflatable element, a single helical electrode disposed on the inflatable element, and at least one irrigation aperture within the inflatable element. The inflatable element is secured to the elongate device and the single helical electrode makes between about 0.5 and about 1.5 revolutions around the inflatable element. The at least one irrigation aperture is adapted to allow fluid to flow from within the inflatable element to outside the inflatable element.

IPC 8 full level  
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**A61B 2090/064** (2016.02 - EP US); **A61B 2090/3966** (2016.02 - EP US); **Y10T 29/49124** (2015.01 - EP US)

Citation (search report)  
See references of WO 2013049601A2

Cited by  
US10588682B2; US9919144B2; US9855096B2; US10512504B2; US10709490B2; US10076382B2; US11116572B2; US9827040B2;  
US10105180B2; US10376311B2; US9707035B2; US11213678B2; US9636173B2; US9855097B2; US10342612B2; US11478298B2;  
US9675413B2; US9757193B2; US9827041B2; US9888961B2; US10420606B2; US10792098B2; US10736690B2; US11464563B2

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EP 2760532 B1 20190828; ES 2757682 T3 20200429; JP 2014531935 A 20141204; JP 2016010729 A 20160121; JP 6146923 B2 20170614;  
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